

STAT

**Page Denied**

Next 1 Page(s) In Document Denied

STAT

DISSERTATIONS FOR DEGREES IN SCIENCE AND ENGINEERING  
DEFENDED AT USSR HIGHER EDUCATIONAL INSTITUTIONS (26)

Knizhnaya Letopis' [Book Register].  
 No 26, June 1955, Moscow

PHYSICOMATHEMATICAL SCIENCES

For the Degree of Candidate in Sciences

ALIKHASHMIN, Ya. N.--"Methods of Approximate Solution of One Spatial Problem in the Theory of Filtration (Problem of Imperfect Well)." Acad Sci USSR, Inst of Precision Mechanics and Computation Engineering, Moscow, 1955

BARYKOV, G. I.--"Destruction of Plate with Hyperbolic Slots." Min of Higher Education, Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov, Moscow, 1955

BEREZANSKIY, Yu. M.--"Certain Problems in the Spectral Theory of Equations with Partial Differences and Partial Derivatives." Acad. Sci. Ukraine SSR, Inst of Mathematics, Kiev, 1955

BEREZKIN, Ye. N.--"Certain Problems of Stability in the Theory of Automatic Regulation." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov, Moscow, 1955

DANILOVA, I. N.--"Lifting Ability and Plastic Deformation of Rotors." Acad Sci USSR, Inst of Mechanics, Moscow, 1955

KARKHANIN, Yu. I.--"Investigation of Luminescence of Cuprous Oxide." Min of Higher Education USSR, Kiev State U imeni T. G. Shevchenko, Kiev, 1955

KRASNOVA, Z. F.--"Investigation of Physical Properties of Solutions of Alcohols in Solvents of Different Molecular Structures." Min of Higher Education USSR, Kiev State U imeni T. G. Shevchenko, Kiev, 1955

LEPIN, A. Ya.--"Solution of the Mixed Problem for Hyperbolic Systems on a Plane Using the Grid Method." Belorussian State U imeni V. I. Lenin, Minsk, 1955

LYSOV, R. A.--"Atomic Theories in Russia in the Second Half of the Nineteenth Century." Min of Education RSFSR, Moscow Oblast Pedagogical Inst Physicomathematical Faculty, Moscow, 1954

LYSOV, R. A.--"Certain Problems in the Statics of Thin Rods and the Dynamics of Non-Holonomic Systems." Min of Higher Education USSR, Kiev State U imeni T. G. Shevchenko, Kiev, 1955

PETERSEN, I. F. --"On the Construction of Groups Generated by Rearrangement Groups." Tartu State U, Tartu, 1955

STAT

PETROV, V. V.--"Certain Extremal Problem in the Theory of Addition of Independent Random Quantities." Leningrad Order of Lenin State U imeni A. A. Zhdanov, Leningrad, 1955

POLTAVSKIY, A. V. --"X-Ray Investigation of Residual Stresses of the First, Second, and Third Kind in the Surface Layer of a Metal Subjected to Fine Turning." Leningrad State Pedagogical Inst imeni A. I. Gertsen, Chair of Experimental Physics, Leningrad, 1955

PROGRUSHCHENKO, A. V.--"Investigation of Transformations in Alloys of the Ni<sub>3</sub>Cr Type Using Methods of Electric Conductivity and X-ray Photography at High Temperatures." Min of Higher Education USSR, Kiev State U imeni T. G. Shevchenko, Kiev, 1955

PYATIGORSKIY, L. M.--"Interaction Between Charged Particles and Slow Electromagnetic Waves in Plasma Waveguides." Min of Higher Education Ukraine SSR, Khar'kov Order of Labor Red Banner State U imeni A. M. Gor'kiy, Kharkov, 1955.

RUCHKINA, V. D.--"X-ray Investigation of Palladium Catalysts Depending on the Conditions of Electrolytic Production and Heat Treatment." Leningrad State Pedagogical Inst imeni A. I. Gertsen, Chair of Experimental Physics, Leningrad, 1955

RYNDICH, N. A.--"Viscosity and Structure of Certain Liquid Amalgams." Min of Higher Education USSR, Kiev State U imeni T. G. Shevchenko, Kiev, 1955

SAMEDOVA, Z. A.--"Investigation of the Temperature Dependence of the Heat Capacity of Semiconductors." Azerbaijan State U imeni S. M. Kirov, Inst of Physics and Mathematics Acad Sci Azerbaijan SSR, Baku, 1955

FEDASH, G. M.--"Study of Physical Properties of Iron Alloys." Min of Higher Education USSR, Kiev State U imeni T. G. Shevchenko, Kiev, 1955

FILIPPOV, A. Ye.--"Comparison of the Pulkovo and Johannesburg Latitude Observations." Principal Astronomical Observatory of the Acad Sci USSR, Leningrad, 1955

CHURAYEV, P. V.--"Effect of Deformation of the Surface Layer of a Metal During Oxidation." Acad Sci USSR, Inst of Physical Chemistry, Moscow (INI) 1953

EFENDIYEVA, M. R.--"On the Approximation in the Mean of Summable Functions Using Singular Integrals." Min of Education Azerbaijan SSR, Azerbaijan State Pedagogical Inst imeni V. I. Lenin, Baku, 1955

#### CHEMICAL SCIENCES

##### For the Degree of Doctor of Sciences

LOGGINOV, G. I.--"Investigation of the Physico-chemical Effect of the Exterior Medium on the Deformation Properties of Non-metallic Solids and Structural Materials." Acad Sci USSR, Inst of Physical Chemistry, Moscow, 1955

TATEVOSYAN, G. T.--"Investigations in the Field of Synthesis of Multi-nuclear Hydroaromatic Ketones." Acad Sci USSR, Inst of Organic Chemistry imeni N. D. Zelinskiy, Yerevan, 1955

STAT

**For Degree of Candidate in Sciences**

**YERIN, T. M.** --"Effect-Dosage Splitting of Effects of Coke on Asphalt." Min of Education USSR, Moscow Municipal Pedagogical Inst imeni V. M. Potapova, Moscow, 1955

**YEVDOKIMOV, V. V.** --"Volumetric-gravimetric Method as a Method for Micro-analysis." Min of Higher Education USSR, Kazan' State U imeni V. I. Ul'yanov-Lenin, Kazan', 1955

**KNIGA, M. V.** --"Study of the Energy of Interaction Between Kukersite Shale and Certain Solvents." Leningrad Order of Lenin State U imeni A. A. Zhdanov, Leningrad, 1955

**KRISTOSTURYAN, Ye. I.** --"Study of Mixed Palladium-silver, Palladium-copper, and Palladium-gold Catalysts in the Hydration of Benzol." Acad Sci USSR, Chemistry Inst, Yerevan, 1955

**LIPILINA, I. I.** --"Investigation of the Density, Heat Capacity, Solution Heat, and Structure of Aqueous Solutions of Chloride and Nitrate of Uranyl." Inst of General and Inorganic Chemistry imeni N. S. Kurnakov of the Acad Sci USSR, Moscow, 1955

**MARUNINA, A. T.** --"Methods of Amperometric Determination of Copper, Lead, Nickel, and Zinc in Certain Alloys and Electrolytes." Min of Higher Education USSR, Kirov Chemical-technological Inst imeni S. M. Kirov, Kirov, 1955

**MARCHENKO, P. V.** --"Investigation of Methods of Determining Small Quantities of Arsenic Based on Oxidation-Reduction Reactions." Acad Sci Ukrainsk SSR, Inst of General and Inorganic Chemistry, Kiev, 1955

**NAZARCHUK, T. N.** --"Study of Creative-analytical Properties of Compounds of Certain Metals with Oxy-antraquinones." Acad Sci Ukraine SSR, Inst of General and Inorganic Chemistry, Kiev, 1955

**SVIRIDOV, V. V.** --"Investigation of the Effect of Preliminary Irradiation on Thermal Decomposition of Solid Substances." Belorussian State U imeni V. I. Lenin, Minsk, 1955

**FESENKO, V. V.** --"Investigation of the Interchange of Oxygen in Polyoxybenzols and Nitrophenols." Acad Sci Ukraine SSR, Inst of Physical Chemistry imeni D. V. Borschhevskiy, Kiev, 1954

**KHU-YA-DUN**--"Copolymerization of Di-isopropenyl with Nitryl of Acrylic Acid." Min of Higher Education USSR, Leningrad Order of Labor Red Banner Technological Inst imeni Lensovet, Chair of Technology of Synthetic Rubber and of Basic Organic Synthesis, Leningrad, 1955

**CHADAYEVA, N. A.** --"Synthesis and Properties of Certain Cyclic Ethers of Arsenate, Alkyl-arsenic Acids, and Aryl-arsenic Acids." Min of Culture USSR, Kazan' State U imeni V. I. Ul'yanov-Lenin, Kazan', 1955

**CHERNETSKY, V. P.** --"Synthesis and Investigation of Haloid Derivatives of Phenazine." Acad Sci Ukraine SSR, Inst of Organic Chemistry, Kiev, 1955

**SHCHIGOL'EV, P. V.** --"Investigation of the Process of Electric Grinding and Its Effect on the Corrosion and Electrochemical Properties of Aluminum." Acad Sci USSR, Inst of Physical Chemistry, Moscow, 1953

STAT

YASINSKAS, L.--"Investigation of the Hydrolysis of Cellulose, Xylan, and Their Methyl Derivatives." Acad Sci Lithuanian SSR, Inst of Chemistry and Chemical Technology, Vil'nyus, 1955

GEOGRAPHICAL SCIENCES

For Degree of Candidate in Science

DUBROVIN, L. I.--"Geography of the Ice Cap in the Seas of the Near-Atlantic Arctic." Molotov State U imeni A. M. Gor'kiy, Geology-Geography Faculty, Molotov, 1955

IMANAYEVA, R. Sh. "Climatic Characteristic of Warm and Cold Winters in Tatars." Min of Higher Education USSR, Kazan State U imeni V. I. Ul'yanov-Lenin, Kazan, 1955

OSMANOV, I. S.--"Location and Development of the Sovkhozes of the Kubach-Khachmasskiy Massif of the Azerbaijan SSR." Min of Higher Education USSR, Azerbaiydzhan State U imeni S. M. Kirov, Baku, 1955

POL'SKAYA, N. M.--"Agricultural Atlas of the Trans-Carpathian Oblast of the Ukraine SSR." Moscow Order of Lenin State U imeni M. V. Lomonosov, Moscow, 1955

GEOPHICAL-MINERALOGICAL SCIENCES

For Degree of Doctor of Science

KOMOTSKIY, S. K.--"Origin of the Coal-Bearing Strata of the Donets Basin." All-Union Sci Res Geological Inst (VSEGEI), Leningrad, 1955

For Degree of Candidate in Sciences

BANKOVSKIY, V. A.--"Factors of Deposits of Middle and Upper Carbon Eras in the Donets Basin." Acad Sci Ukraine SSR, Inst Geological Sci, Kiev, 1955

MALINOVSKIY, F.M.--"Sulfur-bearing Phosphorites of Podolia." Min of Geology and Conservation of Mineral Resources, All-Union Inst of Mineral Raw Material, Moscow, Gosgeoltekhnizdat, 1955

PEKUN, Yu. F.--"Mineralogical Investigation of Bentonite Clays of the Western Oblasts of the Ukraine SSR." Min of Higher Education USSR, L'vov State U imeni Ivan Franko, L'vov 1955

STARKOV, N. P. --"Petrographic Characteristics of Rocks of the Left Bank of the Vishera River and the Region Between the Uls and Vels Rivers and of the Kvarkush Plateau in the Urals." Min of Higher Education USSR, Molotov State U imeni A. M. Gor'kiy, Molotov, 1955

BIOLOGICAL SCIENCES

For the Degree of Doctor of Sciences

BURCHAN ABRAMOVICH, N. I.--"Fossil Ostriches of the Caucasus and Southern Ukraine." Tbilisi State U imeni I. V. Stalin, Tbilisi, 1955

GALACH'YAN, R. M.--"Bacterial Diseases of Tomatoes in the Armenian SSR and Measures for Combating Them." Acad Sci Armenian SSSR, Sector of Microbiology, Yerevan, 1955

STAT

For Degree of Candidate in Sciences

ALIYEV, A. M.--"Rare Kinds of Grapes of the National Selection of the Dagastan ASFR and the Prospect for Their Production." Min of Agriculture RSFSR All-Russian Sci Res Inst for Grape Culture and Wine Production, Novecherkassk, 1955

ALYUKINA, L. S.--"Biochemical Investigation of Certain Tannin-bearing Types of Rhubarb of Kazakhstan." Acad Sci Kazakhstan SSR, Inst of Botany, Alma-Ate, 1955

BAKAY, S. M.--"Toxic and Non-toxic Variants of Mold Mushroom Stachybotrys alternans Bon." Min of Higher Education USSR, Khar'kov Order of Labor Red Banner State U imeni A. M. Gor'kiy, Khar'kov, 1955

GOVOROVA, A. D.--"Alimentary and Defensive Non-conditioned Saliva Reactions in Female Dogs after Spaying." Rostov State U imeni V. M. Molotov, Rostov-on-Don, 1955

GRISHCHENKO, Ye. D.--"Swelling by Actomyosin and Muscular Contraction." Acad Med Sci USSR, Moscow, 1955

DANIYAROVA, K. B.--Recovery Regeneration of Skeletal Muscular Tissue of the Shin after the Sciatic and Hip Nerves are Cut." First Leningrad Med Inst imeni Academician I. P. Pavlov, Chair of General Biology, Leningrad, 1955

DERGOUZOVA, Ye. A.--"Albumens of the Blood and Certain Data on the Albumen Metabolism when 6-Methylthiouracyl is Used to Block the Function of the Thyroid Gland." Molotov State Med Inst, Molotov, 1955

DMITRENKO, M. T.--"Materials on the Effects of Benzol and Its Homologues, Toluol and Xylool, on the Carbohydrate Metabolism." Khar'kov Med Inst, Khar'kov, 1955

DOLOTOVSKAYA, U. A. "Arsenic Poisoning of Bees and Prophylactic Measures Against It." Kazan' State Veterinary Inst imeni N. E. Bauman, Kazan', 1955

YEFIMOVA, A. M.--"Functional State of Nerve Centers under Certain Types of Dominants." Leningrad Order of Lenin State U imeni A. A. Zhdanov, Leningrad, 1955

KOVDYSHEVA, L. V.--"Ecological-Phytocoenotic Properties of the Self-seeding of Certain (relics) Forest Species of Azerbaijan." Min of Agriculture Azerbaijan SSR, Azerbaijan Sci Res Inst of Forestry and Agricultural Forest Melioration, Baku, 1955

STAT

KOLESNIKOVA, P. D.--"Physiological Evaluation of the Water Regime of Alfalfa in Pure and Mixed Sowings." Min of Higher Education USSR, Middle Asia State U imeni V. I. Lenin, Tashkent, 1955

KOMENDAR, V. I.--"Vegetation of the Mountain Range of Chernogor in the Eastern Carpathians and its Value to the National Economy." Acad Sci Ukraine SSR, Inst of Botany, Kiev, 1954

KRUKLANDE, M. Ya.--"Dynamics of the Soil Microflora in the Process of Decomposition of Plowed-under Layer of Perennial Grass." Min of Higher Education USSR, Leningrad Agricultural Inst, Leningrad, 1955

KULIKOVSKAYA, M. D.--"Effect of Nitrobacteria on the Dynamics of Nitrogen and of Certain Groups of Microorganisms in the Soil." Min of Higher Education USSR, Kiev State U imeni T. G. Shevchenko, Kiev, 1955

LEVSHUNOVA, N. A.--"Effect of High External Temperature on the Conditioned Reflex Activity and the State of Certain Vegetative Functions in Dogs." Min of Higher Education USSR, L'vov State Zoo-veterinary Inst, L'vov, 1955

MALYAREVSKAYA, A. Ya.--"Nitrous Metabolism in Carp and its Change with Growth and with Breeding Conditions." Dnepropetrovsk State U, Dnepropetrovsk, 1955

MEKHTIYEVA, N. A.--"Microflora of the Kuba-Khachmas Massif of Azerbaijan." Acad Sci USSR, Botanical Inst imeni V. L. Komarov, Leningrad, 1955

MITYAGINA, O. V.--"Suspended Matter in Water Reservoirs (Procedure for Study of Suspended Matter and of its Effect on the Quality of the Water)." Acad Med Sci USSR, Moscow, 1955

PAVLOV, V. A.--"Effect of Parenteral Injection of Medication Serum on the Sexual Function of Females." Min of Higher Education USSR, Moscow Technological Inst of Meat and Milk Industry, Moscow, 1955

PESTRYAKOVA, T. S. --"Laws of the Field of Attraction of Anopheles in Connection with the Biological Foundations of Epidemiology and Prophylaxis of Malaria." Tomsk State U imeni V. V. Kuybyshev, Tomsk, 1955

RISTKOK, Yu. V.--"On the Growth of Young Fish in the Lakes of the Saad-yarov Group." Min of Higher Education USSR, Tartu State U, Tartu, 1955

ROMANOVA, L. P.--"On the Cultivation of Lupine under Conditions of the Tomsk Oblast." Tomsk State U imeni V. V. Kuybyshev, Tomsk, 1955

SLYUSARENKO, I. T.--"Effects of Antibiotics on the Dehydrases of Staphylococcus and on the Inorganic Phosphate Required by It." Min of Higher Education USSR, Kiev State U imeni T. G. Shevchenko, Kiev, 1955

STOYKO, S. M.--"Deep forests of the Trans-Carpathians and Means of Increasing their Productivity." Acad Sci Ukraine SSR, Inst of Botany, Kiev, 1954

SHEVELEV, N. A.--"On the Localization of the Conditioned Vocal Reflex in Dogs." Leningrad State Pedagogical Inst imeni A. I. Gertsen, Chair of Anatomy and Physiology of Animals and Humans, Leningrad, 1955

STAT

SHCHERITSA, M. I.--"Attempt of Simultaneous Breeding of Carp and Swimming Birds in the Streams of the Steppe Zone of the Ukraine SSR." Min of Higher Education USSR, Dnepropetrovsk State U imeni 300th Anniversary of Union between Ukraine and Russia, Dnepropetrovsk, 1955

YAKOVLEV, V. G.--"The Biological Process of Filling Jermukumchoke." Acad Sci Latvian SSR, Inst of Microbiology, Riga, 1954

YAKOVLEV, M. G.--"Rodents of the Natural Habitat of Tularemia in the Don Delta." Rostov-on-Don State U imeni V. M. Molotov, Rostov-on-Don, 1955

YANEVSKAYA, L. P.--"Effect of Mineral Feeding on the Carbohydrate Metabolism in the Process of Latex Formation in the Kok-saghyz." Acad Sci Ukraine SSR, Inst of Botany, Kiev, 1954

YAREMENKO, I. I.--"Oak Pombyx in the Pre-Carpathians (Ecological Data and Attempt to Investigate the Oak Pombyx on the Basis of These Data)." Acad Sci Ukraine SSR, Inst of Zoology, Kiev, 1955

#### TECHNICAL SCIENCES

##### For Degree of Doctor of Science

GOTSIRIDZE, G. P.--"Certain Problems in the Theory of Drives for Metal-cutting Machines." Min of Higher Education USSR, Georgian Order of Labor Red Banner Polytechnical Inst imeni S. M. Kirov Tbilisi, 1955

KORSAKOV, V. S.--"Fabrication Errors Resulting from Violation of the Technological System." Min of Higher Education USSR, Moscow Order of Labor Red Banner Higher Technical School imeni Bauman, Moscow, 1955

SEMVESKIY, V. N.--"Optimization of the Parameters of Bar Underpinning and its Application." Min of Higher Education USSR, Leningrad Order of Lenin and Order of Labor Red Banner Mining Inst, Chair of Construction of Mining Enterprises, Leningrad, 1955

CHINYAYEV, I. A.--"Theory and Design of Shipboard Direct-Action Steam Pumps." Min of River Flot USSR, Leningrad Inst of Engineers of Water Transport, Leningrad, 1955

##### For Degree of Candidate in Science

ABRAMYAN, Sh. A.--"Effect of Automatic Regulation of the Excitation of Synchronous Generators on the Dynamic Stability of Long Distance Electric Transmission." Min of Higher Education USSR, Leningrad Polytechnic Inst imeni M. I. Kalinin, Leningrad, 1955

AVDONINA, T. N.--"Procedure for Long-Term Forecast of the Spring High Water on the River Neva." Min of Higher Education USSR, Leningrad Hydroeteorological Inst, Leningrad, 1955

AGEYEV, I. K.--"Effect of Individual Factors on the Process of Filling a Tractor Engine with Ignition Due to Compression." Min of Higher Education USSR, Moscow Automobile and Highway Inst imeni V. M. Molotov, Moscow, 1955

ARTEMENKO, V. I.--"Regulating the Speed of Electric Slip-ring Servo Motors with the Aid of Magnetic Amplifiers." Min of Higher Education USSR, Moscow Order of Lenin Power Inst imeni V. M. Molotov, Moscow, 1955

STAT

ARTEMCHUK, V. I.--"Procedure for Development of City-Construction Technical Economic Indexes." Min of Higher Education USSR, Kiev Engineering-Construction Inst, Kiev, 1955

ASTRAKHANTSEV, V. I.--"Mutual Connection Between the Rated Flow Velocity and Intensity of Deformation of the Beds of Channels." Acad Sci USSR, Eastern Siberia Branch, Irkutsk, 1955

BOGDANOVA BERZCVSKAYA, A. V.--"Certain Problems in the Kinetics of the Decomposition of Hydrogen Peroxide by Iron Salts." Min of Higher Education USSR, Leningrad Polytechnic Institute imeni M. I. Kalinin, Leningrad, 1955

BOZHENKO, V. S.--"Effect of Internal Radial Slits of a Circular Saw on the Distribution of Stresses." Min of Higher Education USSR, Forestry-Engineering Order of Lenin Academy imeni S. M. Kirov, Leningrad, 1955

BOL'SHAKOV, V. A.--"Investigation of the Carrying Capacity of Small Bridges Located Below the Spillway Water Level." Min of Higher Education USSR, Kiev, Automobile and Highway Inst, Kiev, 1955

BORISENKO, I. Ye.--"Investigation of Technological Effectiveness of Conditioning Wheat with High Gluten Content." Min of Higher Education USSR, Moscow Technological Inst of Food Industry, Moscow, 1955

BORISOV, V. I.--"Certain Problems of Chasz Formation and Measures for Combating Chasz Formation in Automobile Highways." Min of Higher Education USSR, Leningrad Order of Labor Red Banner Engineering-Structural Inst, Chair of Investigation, Design, Construction, and Operation of Automobile Highways, Leningrad, 1955

BUNIN, M. V.--"Investigation of Processes of Cleavage of Mountain Rock-like Minerals." Min of Higher Education USSR, Khar'kov Automobile and Highway Inst, Khar'kov, 1955

VARLAMOV, N. S.--"Investigation of the Effects of the Clearances on the Efficiency of an Encased Turbine Stage." Min of Heavy Machinebuilding USSR, Central Sci Res Boiler and Turbine Inst imenik I. I. Polzunov (TsKTI), Leningrad 1955

VETRYUK, I. M.--"Concerning the Problem of Investigating the Carrying Capacity of a Reinforced-concrete Wall Panel for Buildings with a Medium Number of Floors." Min of Higher Education USSR, Belorussian Polytechnic Inst imeni I. V. Stalin, Minsk, 1955

VOLIK, A. F.--"Investigation of Mechanical-Technological Foundations of the Operation of Square-socket Sowing Machines." Min of Higher Education USSR, Ukraine Order of Labor Red Banner Agricultural Acad, Kiev, 1955

VYSCTSkiY, Ye. P.--"Distribution of Charge-conductivity Current in Three-Phase Iron-melting Arc Furnaces as a Function of the Magnitude of the Disintegration Diameter of the Electrodes." Min of Higher Education USSR, Kuybyshev Industrial Inst imeni V. V. Kuybyshev, Kuybyshev, 1955

GERASIMOV, N. A.--"Intensification of Cabinet Meat Refrigerators." Min of Higher Education USSR, Leningrad Technological Inst for Refrigeration Industry, Chair of Refrigeration Equipment, Leningrad, 1955

STAT

GERVAS'YEV, A. M.--"Improvements in Cyclone Separators for Removing Dust from Air." Min of Higher Education USSR, Ural' Polytechnic Inst imeni S. M. Kirov, Sverdlovsk, 1955

GINZBURG, A. G.--"Activation of Pressed Yeast in Bread Baking." Min of Higher Education USSR, Moscow Technological Inst of Food Industry, Moscow, 1954

GLYBIN, I. P.--"Investigation of Piezometric Method of Measuring the Density of Liquid Products in Alcohol and Sugar Manufacture." Min of Higher Education USSR, Kiev Technological Inst of Food Industry imeni A. I. Mikoyan, Kiev, 1955

KOLYAND, M. M.--"Complex Method of Determining the Thermal Physical Characteristic of Thermal-Insulation Materials at Low Temperatures." Min of Higher Education USSR, Leningrad Technological Inst of Refrigeration Industry, Leningrad, 1955

GONCHARYUK, V. A.--"Fundamentals of Fire-Prevention Engineering in the Petroleum Refining Industry." Min of Higher Education USSR, Azerbaydzhan Order of Labor Red Banner Industrial Inst imeni M. Azizbekov, Baku, 1955

GORBACH, V. L.--"Kinematics of the Operating Mechanisms of Optical Grinding and Polishing Benches." Min of Higher Education USSR, Leningrad Institute of Precision Mechanics and Optics, Leningrad, 1955

GORBUNOV, B. M.--"Investigation of the Effect of Macro and Microgeometry of the Working Surfaces of Flour-milling Rollers on the Effectiveness of Milling the Grains." Min of Higher Education USSR, Moscow Technological Inst of Food Industry, Moscow, 1955

GUR'YEV, F. V.--"Resistance to Freezing of Structural Brick and Methods of Increasing It." Min of Higher Education USSR, Ural' Polytechnic Inst imeni S. M. Kirov, Chair of Technology of Silicates, Sverdlovsk, 1955

DABUZHINSKAS, K. Yu.--"Methods of Streamlining the Operation of the Hydraulic Structures of Small Hydroelectric Stations of the Lithuanian SSR." Min of Higher Education USSR, Lithuanian Agricultural Acad, Kaunas, 1955

DAVLETBAYEV, D. Sh.--"Drilling Wells and Flushing the Face with Water and with Additives to the Water in the Eastern Petroleum Regions of the Country." Bashkir Branch of Acad Sci USSR, Mining-Geological Inst, Ufa, 1955

DEMIDOV, G. K.--"Investigation of the Working Process of Flax-combing Mechanisms." Acad Sci Belorussian SSR, Division of Physical-Mathematical and Technical Sciences, Minsk, 1955

DUBROVSKIY, O. V.--"Investigation of the Aerodynamics of Two-Register Combustion Chambers in Gas-Turbine Installations." Leningrad Shipbuilding Inst, Leningrad 1955

D'YACHIKOV, V. I.--"Investigation of Oxidation and Reduction of Phosphorous on Alkaline Open-hearth Furnaces." Min of Higher Education USSR, Ural' Polytechnic Inst imeni S. M. Kirov, Chair of Metallurgy of Steel, Sverdlovsk, 1955

STAT

VEGOROV, L. A.--"Investigation of the Operating Conditions of an Automobile Piston Compressor." Min of Automobiles, Tractors, and Agricultural Machinebuilding USSR, State Union Order of Labor Red Banner Sci Res Automobile and Automobile Engine Inst (NAMI), Moscow, 1955

YEZHOV, G. I.--"Improving the Technology of Manufacture of Steel for Flask Tubes." Min of Higher Education USSR, Moscow Order of Labor Red Banner Inst of Steel imeni I. V. Stalin, Chair of Metallurgy of Steel, Moscow, 1955

YERMAKOVA, T. P.--"Study of Processes of Fabrication of Chocolate Mass so as to Reduce the Length of the Cycle." Min of Higher Education USSR, Moscow Technological Inst of Food Industry, Moscow, 1955

ZHADAN, S. Z.--"Use of Low-potential Heat to Produce Cooling in a Freon Ejector Machine." Min of Higher Education USSR, Moscow Power Inst imeni V. M. Molotov, Moscow, 1954

ZHENIYEVSKIY, N. P.--"Absorption of Hydrogen Sulfide and Carbon Dioxide by Solutions of Soda and Potash under Bubbling Conditions." Min of Higher Education USSR, Donets Order of Labor Red Banner Industrial Inst imeni N. S. Khrushchev, Chair of Processes and Apparatus, Stalino, 1955

ZHERBIN, M.--"Investigation of Systems of Metal Piledrivers Operating over Shafts." Min of Higher Education, Kiev Order of Lenin Polytechnic Inst, Kiev, 1955

ZHIKHALEV, Ye. A.--"Investigation of the Process of Pneumatically Transporting Grains in Horizontal, Vertical, and Inclined Pipes." Min of Higher Education USSR, Belorussian Polytechnic Inst imeni I. V. Stalin, Minsk, 1955

ZASEDATELEV, S. M.--"Spiral Springs with Initial Tension and Their Design." Min of Higher Education USSR, Moscow Order of Labor Red Banner Higher Technical School imeni Bauman, Moscow, 1955

TEVARSKIY, N. Sh.--"Investigation of the Causes of Formation of Hardening in Molded Rye Bread and Methods for Its Elimination." Min of Higher Education USSR, Moscow Technological Inst of Food Industry, Moscow, 1955

IVASHKO, G. S.--"Steam-injector, Water-heating System Employing Waste Heat." Min of Higher Education USSR, Kiev Engineering and Construction Inst, Chair of "Heat and Gas Supply and Ventilation," Kiev, 1955

IL'GISONIS, V. K.--"Experimental and Theoretical Investigation of the Working Process of Two-jaw Clamshell Excavator for Peat Loading, and the Selection of their Construction and Parameters." Min of Higher Education USSR, Moscow Peat Inst, Moscow-Leningrad, 1955

IL'IN, G. P.--"Investigation of Sowing Machines for Sowing Oak Acorns in Groups." Min of Higher Education USSR, Moscow Forestry-Engineering Inst, Moscow, 1955

KIRILLOV, V. S.--"Theory of the Design of Plates for the Roadway Portion of Inclined Bridges." Min of Higher Education USSR, Moscow Automobile and Highway Inst imeni V. M. Molotov, Moscow, 1955

STAT

KOTENOK, A. I.--"Investigation of the Use of Turbomachinery in the Production of a High-Pressure Air Compressor of Low Capacity." Min of Higher Education USSR, Khar'kov Polytechnical Inst imeni V. I. Lenin, Khar'kov, 1955

KOLLI, Ya. N.--"On the Theory of the Measurement of Complex Dielectric Constants Using the Long-line Method." Min of Higher Education USSR, Moscow Order of Lenin Power Inst imeni M. V. Molotov, Chair of the Theoretical Fundamentals of Electrical Engineering, Moscow, 1955

KONEV, Yu. I.--"Theoretical and Experimental Investigation of the Operation of Transistors in Certain Electric-Automation Circuits." Min of Higher Education USSR, Moscow Order of Lenin Aviation Inst imeni S. Orzhonikidze, Moscow, 1955

KORNEYEVA, P. V.--"Drying Transformer Oil Without Heating at Atmospheric Pressure by Processing with Unslaked Lime." Azerbaijan Industrial Inst imeni M. Azizbekov, Yerevan, 1954

KOROTAYEV, I. S.--"Investigation of the Production of Plywood Using Carbamide Glue." Min of Higher Education USSR, Moscow Forestry-Engineering Inst, Moscow, 1954

KORTNEV, V. V.--"Investigation of the Factors of Intensification of the Firing of High-voltage Porcelain in Tunnel Furnaces." Min of Higher Education USSR, Moscow Order of Lenin Chemical-Technological Inst imeni D. I. Mendeleyev, Moscow, 1955

KOSTROGRYZOV, V. S.--"Heat-Engineering Fundamentals of Automatization of Open-hearth Furnaces." Min of Higher Education USSR, Dnepropetrovsk Order of Labor Red Banner Metallurgical Inst imeni I. V. Stalin, Dnepropetrovsk, 1955

KOS'KO, Z. K.--"Investigation of Processes Occurring in Hardened Chromium Steel During Annealing." Min of Higher Education USSR, Dnepropetrovsk Order of Labor Red Banner Metallurgical Inst imeni I. V. Stalin, Dnepropetrovsk, 1955

KOCHUROV, N. I.--"Investigation of the Effects of the Suspended Plow on the Pulling Characteristics of the KBTZ-7 Tractor." Min of Higher Education USSR, Leningrad Agricultural Inst, Leningrad, 1955

KRASNIKOV, V. V.--"Investigation of the Process of Contact Drying of Bodies Having Capillary Porosity." Min of Higher Education USSR, Moscow Technological Inst of Food Industry, Moscow, 1955

KRASNOYARSKAYA, L. S.--"Strength of Silk Threads Made of Continuous Fibers." Min of Higher Education USSR, Moscow Textile Inst, Moscow, 1955

KRUGLOV, L. M.--"Investigation of the Relative Displacements of the Frame and Boiler of a Locomotive." Leningrad Order of Lenin Inst of Engineers of Railway Transport imeni Academician V. N. Obraztsov, Leningrad, 1955

KUZNETSOV, A. I.--"Grounding-to-Neutral as a Protective Measure in Networks up to 1000 volts." Min of Higher Education USSR, Moscow Order of Lenin Power Inst imeni V. M. Molotov, Moscow, 1955

KUZNETSOVA, V. A.--"Purifying Zinc Sulfate Solution of the Cementation Copper and Cadmium with Zinc." Acad Sci Kazakhstan SSR, Inst of Metallurgy and Concentration, Alma-Ata, 1955

STAT

KAZYM, G.--"Investigation of the Working Process of a Gas Transportation Engine with Internal Mixture-formation Using Liquefied Gas." Acad Sci USSR, Laboratory for Engines, Moscow, 1955

LASTOCHKIN, D. S.--"The Rotor as the Working Organ of Channel-cleaning Machines (selection of Type and of Basic Parameters)." Min of Agriculture USSR, All-Union Sci Res Inst of Hydrotechnics and Melioration, Moscow, 1955

MAYSTRUK, P. V.--"Stabilization of Film Speed in Modern Moving-picture Projectors." Min of Higher Education USSR, Kiev Order of Lenin Polytechnic Inst, Kiev, 1955

MALOV, V. P. "Investigation of the Field of Applicability of Mining Methods with and Without the Use of Gravity Inclines under the Conditions Prevailing in the Chistyakov Anthracite Region." Min of Higher Education USSR, Donets Order of Labor Red Banner Industrial Inst imeni N. S. Khrushchev, Stalino, 1955

MARUKHNO, G. P.--"Certain Variational Problems in the Theory of Plasticity." Min of Higher Education USSR, Leningrad Order of Labor Red Banner Engineering-Construction Inst, Chair of Resistance of Materials, Leningrad, 1955

MATOKHIN, V. P.--"Flow-line Construction of Buildings for Medium Machine-building Shop Buildings." Min of Higher Education USSR, Khar'kov Engineering-Construction Inst, Chair of Technology of Construction Industry, Khar'kov, 1955

MEDVEDEV, S. N.--"Investigation of Monolithic-assembly Prestressed Reinforced-Concrete Structures." Min of Higher Education USSR, Gor'kiy Engineering-Construction Inst imeni V. P. Chkalov, Voronezh, 1955

MILOVZOROV, V. P.--"Investigation of the Operation of a Three-phase Induction Motor of Low Capacity with a Magnetized Core Used for a Servomechanism Drive." Moscow Order of Lenin Aviation Inst imeni Sergo Ordzhonikidze, Moscow, 1955

MURASHEV, S. A.--"Comparative Analysis of Methods of Photo-polygonometry." Min of Higher Education USSR, Moscow Inst of Engineers of Land Exploitation, Moscow, 1955

MYAGKOV, I. Ya.--"Experimental Investigation of the Electric Properties of Pressed Lumber Made of Birch, Linden Tree, Alder tree, Aspen wood, and Oak." Min of Higher Education USSR, Leningrad Order of Lenin Forestry-Engineering Acad imeni S. M. Kirov, Leningrad, 1955

NESTRENKO, A.P.--"Axonometric Projection of Conic Sections and of Second Degree Surfaces." Min of Higher Education USSR, Leningrad Order of Labor Red Banner Technological Inst imeni Lensotst, Chair of Descriptive Geometry, Novosibirsk, 1955

NIKIFOROVA, V. N.--"Investigation of the Transformations of Sugar and Treacle under Conditions of Preparation of Caramel Mass and a Search for a Method of Increasing the Stability of the Caramel." Min of Higher Education USSR, Moscow Technological Inst of Food Industry, Moscow, 1955

MIKOL'SKAYA, Ye. N.--"Cartography of Health Preservation in the USSR." Min of Higher Education USSR, Moscow Inst of Engineers of Geodesy, Aerial Photography, and Cartography, Moscow, 1955

STAT



MOVIKOV, V. I.--"Certain Problems in Static Strength of Welded Joints at Low Temperatures." Acad Sci Ukraine SSR, Inst of Electric Welding imeni Academician Ye. O. Paton, Kiev, 1954

NOVITSKIY, A. M.--"Analysis of the Joint and Separate Uncovering of Layers under the Conditions of the "Shakhterskantratsit" trust." Min of Higher Education USSR, Donetsk Order of Labor Red Banner Industrial Inst imeni N. S. Khrushchev, Stalino, 1955

NUVAR'YEV, A. S.--"Investigation of Individual Problems of Stereo-Photogrammetric Processing of Aerial Photographs." Min of Higher Education USSR, Novosibirsk Inst of Engineers of Geodesy, Aerial Photography, and Cartography, Novosibirsk, 1955.

OBROSOV, I. I. --"Investigation of Mechanisms for the Control of Computing Machines." Min of Higher Education USSR, Leningrad Inst of Precision Mechanics and Optics, Leningrad, 1955

OLEKHNOVICH, E. A.--"Principles of Design and Construction of Vibrator Tables on Elastic Pads." Min of Higher Education USSR, Leningrad Order of Labor Red Banner Engineering-Construction Inst, of the Mechanical Faculty, Leningrad, 1955

ONCHUKOV, D. N.--"Investigation of Transfer of Heat and Moisture in Soils and Grounds." Min of Higher Education USSR, Moscow Technological Inst of Food Industry, Moscow, 1955

OSIPOVA, V. V. --"Industrial Construction of Cattle-breeding Buildings in the Kolkhozes and Sowkhozes of the Estonian SSR." Min of Higher Education USSR, Leningrad Order of Labor Red Banner Engineering-Construction Inst, Leningrad-Tallin, 1955

PALEY, M. M.--"Waviness in Polished Surfaces and its Effect on the Initial Wear of Certain Parts of the D-54 Engine." Min of Higher Education USSR, Moscow Higher Technical School imeni Bauman, Moscow, 1955

PERVIKOVA, V. N.--Axonometric representations and their Use for the Investigation of Systems having many Components." Min of Higher Education USSR, Moscow Order of Lenin Aviation Inst imeni Sergo Ordzhonikidze, Moscow, 1955

PERSHAY, L. K.--"Problems of Land Administration of Kolkhozes in Regions of Electrified Tillage." Min of Higher Education USSR, Khar'kov Order of Labor Red Banner Agricultural Inst imeni V. V. Dokuchayev, Chair of Land Administration Design and Planning of Agricultural Populated Areas, Khar'kov, 1955

PIVNIK, Ye. M.--"Formation of the Sigma-phase and its Effect on the Mechanical Properties of Austenitic Alloys Intended for Stationary-turbine Parts." Min of Heavy Machinebuilding USSR, Central Sci Res Boiler and Turbine Inst imeni I. I. Polzunov, (TsKTI), Leningrad, 1955

POPOV, V. N.--"Investigation of the Conditions of Stream Flow in the Upper Water of an Improved Spillway." Min of Higher Education USSR, Kiev Automobile and Highway Inst, Kiev, 1955

POPOVA, Ye. V.--"Certain Ways of Improving the Procedure of the Planned Geodesic Measurements for Photography of Cities." Min of Higher Education USSR, Moscow Inst of Engineers of Geodesy, Aerial Photography, and Cartography, Moscow, 1955

STAT

PREOBRAZHENSKAYA, R. I.--"Prospects for the Technical Development of the Manufacture of Oak Extract." Min of Higher Education USSR, Moscow Technological Inst of Light Industry imeni L. M. Kaganovich, Moscow, 1955

PRIKHOD'KO, I. A. "Development of Technological Scheme for Obtaining Crystalline Sugar from Domestic Sugar Cane." Min of Higher Education USSR, Kiev Technological Inst of Food Industry imeni A. I. Mikoyan, Kiev, 1955.

PRONIKOVA, M. I.--"Filter Protection for Farm Electric Installations." Min of Higher Education USSR, Moscow Inst of Mechanization and Electrification of Agriculture imeni V. M. Molotov, Moscow, 1955

PROKHOROV, A. M.--' Investigation of the Dependence of the Retardation and Temperature of the Self-ignition of Pulverized Fuel on the Parameters of the Medium." Min of Higher Education USSR. Moscow inst. of Mechanization and Electrification of Agriculture imeni V. M. Molotov Moscow, 1955

RABINOVICH, S. S.--"Investigation of Mechanical Continuous-action Hurling Machines with the Aim of Employing them in Earth Digging and Roadbuilding Machinery." Min of Higher Education USSR, Leningrad Order of Labor Red Banner Engineering-Construction Inst, Leningrad, 1955

RAL'TSEVICH, N. V.--"Investigation of the Features of the Operation of a Supercharged Two-cycle Ship Engine with Diverging Pistons." Leningrad Shipbuilding Inst, Leningrad, 1955

RASULOV, M. M.--"Development and Theoretical and Experimental Investigation of Schemes for Regulating the Excitation of Synchronous Generators." Acad Sci USSR, Power Institute imeni Academician G. M. Krzhyzhanovskiy, Moscow, 1955

RESHTNIKOV, Ye. M.--"Theory and Design of Phase-sensitive Amplifiers-Rectifiers." Min of Higher Education USSR, Moscow Order of Lenin Aviation Inst imeni Sergo Ordzhonikidze, Moscow, 1955

ROGOANOVA, A. I.--"Increasing the Service Life of Parts of Cotton Machinery." Min of Higher Education USSR, Tashkent Inst of Engineers of Irrigation and Mechanization of Agriculture, Tashkent, 1955

ROZHDESTVENSKIY, I. V.--"Investigation of the Operating Conditions of Impeller and Centrifuge Pump Aggregates Driven by an Isolated Windmill Electric Station with Windmill Engine D-18." All-Union Order of Lenin Acad of Agricultural Sciences imeni V. I. Lenin (VASKhNIL), Unified Scientific Council of the All-Union Sci Res Inst of Mechanization of Agriculture (VIM), and All-Union Sci Res Inst of Electrification of Agriculture (VIISKh), Moscow, 1955

RUDNAYA, A. I.--"Investigation of the Radiation Method of Measuring Surface Temperatures in the Range 200-700°C." Commission on Standards, Measures, and Measuring Instruments at the Council of Ministers USSR, All-Union Sci Res Inst of Metrology imeni D. I. Mendeleyev, Leningrad, 1955

STAT

SALOV, V. I.--"Investigation of the Operation of a Plate of Glued Wood Block for Use as Covering for Residential Buildings." Moscow Inst of Engineers of Municipal Construction of the Mosgorispolkom, Moscow, 1955 (55-24652).

SAUNEVICHUS, A. F.--"Pneumatic-mechanical Dosing of the Supply of Fuel in Carburetors of Self-propelled Tractor Engines." Min of Higher Education USSR, Lithuanian Agricultural Acad, Kaunas, 1955

SILLAMAA, Kh. V.--"Automatic a-c Bridges for Measurement of Complex Impedance." Min of Higher Education USSR, L'vov Polytechnic Inst, L'vov, 1955

SKVORTSOV, S. O.--"Investigations in the Field of Intensification and Rationalization of the Production of Formalin." Leningrad Order of Lenin Forestry-Engineering Acad imeni S. M. Kirov, Moscow, 1955

SMELOV, A. P.--"Investigation of the Steel-Hardening Process as Applied to the Repair of Parts of Tractors and Agricultural Machines." Min of Higher Education USSR, Moscow Inst of Mechanization and Electrification of Agriculture imeni M. V. Molotov, Moscow, 1955

SMIRDINA, N. P.--"Effect of Moisture Content on the Free-flow Properties of Fuel and its Drying in the Pulverizers in the Fuel-feed Circuit." Moscow Inst of Engineers of Municipal Construction of the Mosgorispolkom, Moscow, 1955

SMIRNOV, M. S.--"Application of Method of Integral Transforms to the Solution of Problems in the Theory of Molecular Transfer." Min of Higher Education USSR, Moscow Technological Inst of Food Industry, Moscow, 1955

SMIRNOVA, I. S.--"Application of High-frequency Current to the Disinfestation of Grain." Joint Scientific Council of All-Union Sci Res Inst for Mechanization of Agriculture (VIM) and All-Union Sci Res Inst for Electrification of Agriculture (VIESKh), Moscow, 1955

SNESAREV, G. A.--"Dynamics of the Mechanism of Lifting a Bridge Crane." Min of Higher Education USSR, Moscow Order of Labor Red Banner Higher Technical School imeni Bauman, Moscow, 1955

SOLYARCHUK, V. F.--"Investigation of the Dynamic Phenomena Occurring in the Operation of Counterbalanced Load-lifting Machines." Min of Higher Education USSR L'vov Polytechnic Inst, L'vov 1955.

SUKOLENOV, A. Ye.--"Investigation of the Problems of Operating Ports and Roll-Changing Stations Using a Single Technological Process," Min of River Fleet USSR, Gor'kiy Inst of Engineers of Water Transport, Gor'kiy 1955

SUKHANOV, D. K.--"Vertical Transportation of Books in Libraries." Min of Higher Education USSR, Moscow Order of Labor Red Banner Higher Technical School imeni Bauman, Moscow, 1955

TALYSHINSKIY, R. I.--"Investigation of Compounding in Self-Excitation of Synchronous Generators of Small Electric Stations." Acad Sci USSR, Power Inst imeni Academician G. M. Krzhizhanovskiy, Moscow, 1955

STAT

TATARCHEUK, O. M.--"Investigation of the Turning of a Caterpillar Tractor." Min of Higher Education USSR, Leningrad Agricultural Inst, Leningrad, 1955

TIN-TEN-YUR.--"Investigation of the Pressure-Head Mechanism of an Excavator and Choice of Optimum Variant of its Kinematic Scheme for the SE-3 Model." Min of Higher Education USSR, Tashkent Inst of Engineers of Irrigation and Mechanization of Agriculture, Tashkent, 1955

TITAYEV, B. F.--"Computation of Three-dimensional Ship Constructions Using the V. Z. Vlasov Method." Min of Higher Education USSR, Gor'kiy Polytechnic Inst imeni A. A. Zhdanov, Gor'kiy, 1955

TIKHODEYEV, N. N.--"Certain Problems in the Theory of Corona and its Calculation in High-voltage d-c Lines." Min of Higher Education USSR, Leningrad Polytechnic Inst imeni M. I. Kalinin, Leningrad, 1955

TIKHONOV, A. A.--"Investigation of Anti-Friction Properties of Copper-lead Pseudo-alloys Obtained by Metallization." Min of Higher Education USSR, Odessa Polytechnic Inst, Odessa, 1955

U TZIN'-CHEN.--"Study of the Foam-formation Process in the Passage of Gas Through a Layer of Liquid." Min of Higher Education USSR, Leningrad Order of Labor Red Banner Technological Inst imeni Lensovet, Chair of Technology of Synthetic Rubbers and Basic Organic Synthesis, Leningrad, 1955

FILIPPOV, G. V.--"Effect of the Inlet End on the Resistance of Pipes." Min of Higher Education USSR Ruybyshev Industrial Inst imeni V. V. Kuybyshev, Kuybyshev, 1955

KHOMUTOV, K. M.--"Investigation and Geometric Fundamentals of Graphic Methods for Construction of Curved Surfaces." Min of Higher Education USSR, Leningrad Order of Labor Red Banner Technological Inst imeni Lensovet, Chair of Descriptive Geometry and Graphics, Leningrad, 1955

KHORST, G. O.--"Problems of Design of Non-flooding Irrigation Systems." Min of Higher Education USSR, Tashkent Inst of Engineers of Irrigation and Mechanization of Agriculture (TIIIMSKh), Tashkent, 1955

CHURAYEV, N. V.--"Application of the Sedimentometric and Electronmicroscopic Analysis Methods for the Study of the Degree of the Dispersion of Peat and of the Processes Involved in its Variation." Min of Higher Education USSR, Moscow Peat Inst, Moscow, 1955

SHANGIN, Yu. A.--"Analysis of Automatic-Regulation Schemes for Internal Combustion Locomotives." Min of Transport Means USSR, Leningrad Order of Lenin Inst of Engineers of Railway Transport imeni Academician V. N. Obraztsov, Leningrad, 1955

SHEPILOV, G. T.--"Investigation of the Process of Grinding Gear Teeth on Machines Having an Arched Run-in Mechanism and Operating with a Disk Circle." Min of Higher Education USSR, Moscow Order of Lenin Aviation Inst imeni Sergo Ordzhonikidze, Moscow, 1955

SHKLYAR, L. A.--"Rheological Investigation of Behavior of Plastic Lubricants in Heterogenized Friction Members." Kazan' Chemical-Technological Inst imeni S. M. Kirov, Kazan', 1954

SHORNIKOV, V. G.--"Investigation of the Operation of the Mixer in a Bottled-gas Automobile" Kiev Automobile and Highway Inst, Min of Higher Education USSR, Kiev, 1955

SHRAMKO, P. K.--"Search for Methods of Lowering the Output of Tangled Fibers in the Operation of the Combing Apparatus in the LK-7 Flax Combine." Min of Higher Education USSR, Leningrad Agricultural Inst, Leningrad, 1955

SHCHELKUNOV, Kn. N.--"Rectification of Electric Current and Voltage Doubling." Min of Higher Education USSR, Leningrad Inst of Precision Mechanics and Optics, Leningrad, 1955

YUDOVIN, B. S.--"Investigation of Characteristics of Power Plants of Light Ships." Leningrad Shipbuilding Inst, Leningrad, 1955

YUZIK, S. I.--"Investigation of Technology of Installation of Water-tube Boilers on Ships." Min of Higher Education USSR, Leningrad Shipbuilding Inst, Leningrad, 1955

YUFEROVA, Ye. K.--"Problems of Optimum Geometry and Procedure for Design of Electromagnetic Friction Clutches." Min of Higher Education USSR, Moscow Order of Lenin Power Inst imeni V. M. Molotov, Moscow, 1955

YAKOVLEV, V. F.--"Certain Problems in Static Design of Elements of Rail-toad Shunting Switches." Min of Means of Transportation USSR, Leningrad Order of Lenin Inst of Engineers of Railway Transport imeni Academician V. N. Obraztsov, Leningrad, 1955

YAKOVLEVA, O. M. --"Investigation of the Effect of the Chemical Composition and Heat-treatment Conditions on the Wear Resistance of a Woodworking Tool Made of Carbon Steel." Min of Higher Education USSR, Leningrad Order of Lenin Forestry-Engineering Inst imeni S. M. Kirov, Leningrad, 1955

YARMOL'CHUK, G. G.--"Automatic Control of the Electric-logging Type in the Drilling of Inclined Wells" Acad Sci USSR, Inst of Automation and Telemechanics, Moscow, 1955

YASHKIN, G. M.--"Theoretical Investigation for the Design of the Locomotive Connecting Rod." Min of Means of Transportation USSR, Leningrad Order of Lenin Inst of Engineers of Railway Transport imeni Academician V. N. Obraztsov, Leningrad, 1955

#### AGRICULTURAL SCIENCES

##### For Degree of Doctor of Science

BOROVSKIY, V. M.--"Soils of the Ancient Delta of Syr-Dar'ya and Methods for their Agricultural Cultivation." Acad Sci USSR, Soil Inst imeni V. V. Dokuchayev, Inst of Soil Culture of the Acad Sci Kazakhstan SSR and Inst "Kazgiprovodelektro" of the Min of Water Resources Kazakh SSR, Alma-Ata, 1955

YEGOROV, V. Ye.--"Role of Continuous Application of Melioration, Crop Rotation, and Repeated Sowings in the Development of the Fertility of the Non-black Soil Belt." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev, Moscow, 1955

SHORNIKOV, V. G.--"Investigation of the Operation of the Mixer in a Bottled-gas Automobile." Kiev Automobile and Highway Inst, Min of Higher Education USSR, Kiev, 1955

SHRAMKO, P. K.--"Search for Methods of Lowering the Output of Tangled Fibers in the Operation of the Combing Apparatus in the LK-7 Flax Combine." Min of Higher Education USSR, Leningrad Agricultural Inst, Leningrad, 1955

SHCHELKUNOV, Kn. N.--"Rectification of Electric Current and Voltage Doubling." Min of Higher Education USSR, Leningrad Inst of Precision Mechanics and Optics, Leningrad, 1955

YUDOVIN, B. S.--"Investigation of Characteristics of Power Plants of Light Ships." Leningrad Shipbuilding Inst, Leningrad, 1955

YUZIK, S. I.--"Investigation of Technology of Installation of Water-tube Boilers on Ships." Min of Higher Education USSR, Leningrad Shipbuilding Inst, Leningrad, 1955

YUFEROVA, Ye. K.--"Problems of Optimum Geometry and Procedure for Design of Electromagnetic Friction Clutches." Min of Higher Education USSR, Moscow Order of Lenin Power Inst imeni V. M. Molotov, Moscow, 1955

YAKOVLEV, V. F.--"Certain Problems in Static Design of Elements of Rail-toad Shunting Switches." Min of Means of Transportation USSR, Leningrad Order of Lenin Inst of Engineers of Railway Transport imeni Academician V. N. Obraztsov, Leningrad, 1955

YAKOVLEVA, O. M. --"Investigation of the Effect of the Chemical Composition and Heat-treatment Conditions on the Wear Resistance of a Woodworking Tool Made of Carbon Steel." Min of Higher Education USSR, Leningrad Order of Lenin Forestry-Engineering Inst imeni S. M. Kirov, Leningrad, 1955

YARMOL'CHUK, G. G.--"Automatic Control of the Electric-logging Type in the Drilling of Inclined Wells." Acad Sci USSR, Inst of Automation and Telemechanics, Moscow, 1955

YASHKIN, G. M.--"Theoretical Investigation for the Design of the Locomotive Connecting Rod." Min of Means of Transportation USSR, Leningrad Order of Lenin Inst of Engineers of Railway Transport imeni Academician V. N. Obraztsov, Leningrad, 1955

#### AGRICULTURAL SCIENCES

##### For Degree of Doctor of Science

BOROVSKIY, V. M.--"Soils of the Ancient Delta of Syr-Dar'ya and Methods for their Agricultural Cultivation." Acad Sci USSR, Soil Inst imeni V. V. Dokuchayev, Inst of Soil Culture of the Acad Sci Kazakhstan SSR and Inst "Kazgiprosvodelektro" of the Min of Water Resources Kazakh SSR, Alma-Ata, 1955

YEGOROV, V. Ye.--"Role of Continuous Application of Melioration, Crop Rotation, and Repeated Sowings in the Development of the Fertility of the Non-black Soil Belt." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev, Moscow, 1955

## Form: -- of Candidate in Science

ARTYUKHOVSKIY, A. K.--"Nematodes (mermithides) of the Lepidoptera that Harm the Woods in the Forest-steppe Zone of the USSR." Min of Higher Education USSR, Voronezh Agricultural Inst., Voronezh Forestry Inst. Voronezh, 1955

VYAL'YAOTS, Kh. Ya.--"Long Life of the Cultivated Pastures in the Estonian SSR and the Factors Contributing to it." Acad Sci Estonian SSR, Division of Biological, Agricultural, and Medical Sciences, Tartu, 1955

GANZHA, M. T.--"Use of Smoke Trees in the Protective Forest Thinning of the Steppe Zone of the Ukraine SSR." Ukraine Order of Labor Red Banner Agricultural Acad Kiev, 1955

GORODNIY, P. T. "Basis for the System of Melioration in the Crop Rotation in the Kolkhozes of the Polesskiy (Dymerskiy) Rayon of the Kiev Oblast in Turfypodsolic soils." Ukraine Order of Labor Red Banner Agricultural Academy, Kiev, 1955

KAZANKOV, A. F.--"Biological and Economic Evaluation of the Branched Breed and Many New Breeds of Wheats of the Azerbaijan SSR." Min of Higher Education USSR, Azerbaijan Agricultural Inst, Baku, Publication of Acad Sci Azerbaijan SSR, 1955

KOLESNIKOVA, Z. M.--"Melioration of Cotton Plant During Irrigation in the Droughty Zone of the Foothill Portion of the Groznenskaya Oblast." Min of Higher Education USSR, North-Ossetian Agricultural Inst, Ordzhonikidze, 1955

KOSTYUCHENKO, M. A.--"Fertility of the Sunzhenskiy Rayon of the Groznen-skaya Oblast." Min of Higher Education, North Ossetian Agricultural Inst, Ordzhonikidze, 1955

KOTEL'NIKOVA, A. P.--"Shaping of the Annual Ring of Pine in the Wood Formation in Connection with the Moisture Content of the Trunk and of the Cone, Espending on the level of the Ground Water and the Tem-porary Stay of the Surface Waters." Min of Higher Education USSR, Leningrad Order of Lenin Forestry-Engineering Acad imeni S. M. Korow, Leningrad, 1955

KRASNOVA, T. N.--"Application of Supplementary Feeding in the Raising of Seedlings of Wood Species," Moscow Order of Lenin Agricultural Academi imeni K. A. Timiryazev, Moscow, 1955

KREKHOV, Ye. F.--"Growth and Development of Simmentalized Young Calf under the Influence of Different Type of Feeding." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev, Moscow, 1955

MALI, Ye. A.--"Effect of Litter Bedding on the Quality of Manure in Cotton raising Farms." Min of Higher Education USSR, Tashkent Agri-cultural Inst, Tashkent, 1955

MAKHACHEVA, G. A.--"Effect of Various Regimes of Airing on the Growth and on Certain Physiological Indexes in Calves Born in Spring and in Fall." Moscow Order of Lenin Agricultural Acad imeni K. A. Timiryazev, Moscow, 1955

MOROZOVA, Z. V.--"Perennial Leguminous Grasses in Meadow Grass Mixtures (in the non-black soil belt)." All-Union Sci Res Inst of Feed imeni V. R. Williams, Moscow, 1955

PLOTNIKOV, V.--"Fattening Properties of Pigs of the Dobrinskiy Breed Group as a function of the Feed-ration Mixture." All-Union Sci Res Inst of Husbandry, Division of Pig Husbandry, Saratov, 1955

RUBENIS, Ye. Ya.--"Plowing Dates for Beds of Perennial Grasses Under the Conditions of the Latvian SSR." Min of Higher Education USSR, Latvian Agricultural Acad Riga, 1955

SIVTSEV, M. V.--"Effect of the Microelements on the Useful Cultivated Crop under Conditions of the Caucasian foothills Leached Black Soil of Stavropol'." Min of Higher Education USSR, Stavropol' Agricultural Inst Stavropol', 1955

STARVOL'SKIY-SERBIN, A. N.--"Methods of Increasing the Productivity of Red Steppe Cattle of the Kolkhozes of the Mineralodovskiy Gasplemrassadnik." All-Union Sci Res Inst of Animal Husbandry, Moscow, 1955

TOLSTOV, Ye. P.--"New Method of Increasing the Yield of Makhorka by Raising Two-stem Plants." Min of Higher Education USSR, Voronezh Agricultural Inst, Voronezh, 1955

FEDA, I. Ya.--"Principal Problems in the Agricultural Techniques of Winter Wheat Under Conditions of the Zaporozh'ye Oblast'." Odessa Agricultural Inst, Odessa, 1955

CHUGUNOVA, Z. Ye.--"Investigations on the Principal Problems of Landscaping the City of Yakutsk." Min of Higher Education USSR, Moscow Forestry-Engineering Inst, Moscow, 1955

CHUYENKOVA, O. S.--"Bird's Foot Trefoil-- a New Cultivated Food Source in the Southeastern USSR." Min of Higher Education USSR, Stalingrad Agricultural Inst, Stalingrad, 1955

SHARAVYN, Gombo.--"Study of the Nutritional Advantages of Pastures with Varied Grasses in the Wooded Steppes of the Khangay Zone of the Mongolian Peoples' Republic at the Territory of the "Dzhargalant" goskhoz." Moscow Order of Lenin Agricultural Acad imeni K. A. Timiryazev, Moscow, 1955

SHKEL', S. Ye.--"Effect of the Ratio of Calcium and Potassium on the Development of Plants as a Function of the Anion Composition of the Environment." Moscow Order of Lenin Agricultural Acad imeni K. A. Timiryazev, Moscow, 1955

SHMANEV, M. N.--"Spoilage of Potatoes in Storage and Measures Against it." Moscow Order of Lenin Agricultural Acad imeni K. A. Timiryazev, Moscow, 1955

SHCHERBININ, N. M.--"Deep Plowing of the Subsoil without Turning the Layer Over as a Method of Raising the Yield of Agricultural Crops in Kazakhstan." Min of Higher Education USSR, Kazakh State Agricultural Inst, Alma-Ata, 1955

STAT

**VETERINARY SCIENCES**

## For Degree of Doctor of Science

AKIMOV, I. P.--"Materials on the Study of the Hemosporidiosis of Farm Animals and Their Carriers, Ticks, in the Smolensk Oblast, and Methods for Combating Them." All-Union Inst of Experimental Veterinary of the Min of Agriculture USSR, Moscow, 1954

ZYKIN, N. A.--"Synovial Vaginitis and Mucous Pouches of the Pelvic Extremity of Horses." Min of Higher Education USSR, Kirov Agricultural Inst, Kirov, 1955

KOZNOK, N. A.--"Scientific-Practical Foundation for Combating Trichinosis of Cattle (from Materials of the Smolensk Oblast)." All-Union Inst of Experimental Veterinary of the Min of Agriculture USSR, Smolensk, 1955

KOLOSOVSKY, V. L.--"Opsonic-phagocyte Reaction with Inactivated Blood Serum in the Diagnosis of Brucellosis in Cattle." Min of Higher Education USSR, Belya Tserkov Agricultural Inst, Belya Tserkov, 1955

MIROSHNIKOV, V. A.--"Materials on the Study of the Features of Venous Hyperemia in the Region of the Head, and the use of Artificial Stagnation for Curative Purposes." Min of Agriculture USSR, Omsk State Veterinary Inst, Omsk, 1955

SISHENKO, Z. I.--"Sanitary Characteristics of Milk in the Kolkhoz Market of the City of Novocherkassak." Min of Higher Education USSR, Saratov Zootechnical-Veterinary Inst, Saratov, 1955

**MEDICAL SCIENCES**

## For Degree of Doctor of Science

ARONOV, M. S.--Topographic Anatomic Properties of the Cervical Regions and Access to the Rear Cranial Cavity." Min of Public Health RSFSR, Kuybyshev State Med Inst, Kuybyshev, 1953

KARTAVENKO, A. N.--"Role of the Neutrogenic Factor in Pathogenesis and Clinical Treatment of Stomach and Duodenal Ulcers (Clinical-Experimental-Morphological Investigation)." Minsk State Med Inst, Minsk, 1955

LIBERMAN, I. M.--"Roentgenological Study of the Small Intestines in Cases of Hernia." State Sci Res Inst of Roentgenology and Radiology imeni V. M. Molotov, Moscow, 1955

MIZRUKHIN, I. A.--"Curing Fowling Ailments with Sleep." Kiev Order of Labor Red Banner Med Inst imeni Academician A. A. Bogomolets, Kiev, 1954

SABUROV, G. I.--"Change in the Eye Cavity in Hypertonic Sickness." Second Moscow State Med Inst imeni I. V. Stalin, Moscow, 1955

SHTERN, V. N.--"Clinical-radiographical Picture of the Echinococcus Disease of the Lung." Min of Public Health RSFSR, Ryazan' State Med Inst imeni Academician I. P. Pavlov, Saratov, 1955

## For Degree of Candidate in Science

ALFIMOV, N. A.--"Elimination of Bismuth with Urine in Syphilitics Treated Simultaneously with Specific and With Artificial Hydrogen Sulfide Baths." Molotov State Med Inst, Molotov, 1954

ANAN'INA, N. V.--"Fluctuations in the Contents of Protein and Globular Fractions in Blood Plasma in Rheumatism and Membranous Pneumonia." Leningrad Pediatric Med Inst, Leningrad, 1955

AREN'D, Yu. E.--"On the Effect of Damage to the Large Hemisphere of the Cranial Brain on the Process of Organization of the Necrotic Tissue (Experimental Morphological Investigation)." Tartu State U, Tartu, 1955

BELINSKAYA, O. I.--"Dysentery and Typhoid-paratyphoid Bacteriophages Isolated in the City of Khabarovsk, and their Biological Properties." Khabarovsk Sci Res Inst of Vaccines and Serums of the Min of Public Health USSR, Khabarovsk, 1954

BESPALOVA, L. S.--"Paths of Lymph Drainage from the Transverse Surrounding Intestine, the Stomach, and the Pancreas in Humans and their Relationships." Kiev Order of Labor Red Banner Med Inst imeni Academician A. A. Bogomolets, Kiev, 1955

BORODINA, G. M.--"Certain Features of the Clinical Course of Pneumonia in Rachitic Children." Sverdlovsk State Med Inst, Sverdlovsk, 1955

BURNASHEVA, D. V. --"On the Micro-morphology of the Peripheral Innervation of the Palate of Humans and Certain Mammals." Kazan' State Med Inst, Kazan', 1955

VISHNYAK, M. M.--"Delayed Results of Penicillin Therapy of Gonorrhea in Men." Kazakhstan Sci Res Dermatological Venerological Inst and Alma-Ata Municipal Dermatological-Venerological Dispensary of the Tashkent State Med Inst imeni V. M. Molotov, Alma-Ata, 1954

GAVRILOVA, N. S.--"Effect of the Time of the First Breast Feeding of a Newborn Baby on the Lactation and on the Change in its Weight." Khar'kov Med Inst, Khar'kov, 1955

GANELINA, L. S.--"Electrocardiographic Changes in Pneumonia in Children and the Effect of Aerotherapy on Them." Min of Public Health USSR, First Leningrad Med Inst imeni Academician I. P. Pavlov, Leningrad, 1955

GEORGIEVSKAYA, N. I.--"On the Problem of the Functional State of the Liver in Sharp Attacks of Rheumatism in Children." Voronezh State Med Inst, Voronezh, 1955

GOLOVTSEV, Yu. N.--"Osmotic Stability of Erythrocytes in Cardiovascular Diseases." Odessa State Med Inst imeni N. I. Pirogov, Odessa, 1955

GULIYEVA, S. A.--"On the Problem of the Reactiveness of Skin in Cancer Diseases." Azerbaijan State Med Inst, Baku, 1955

DALIMOV, Z. A.--"Hemodynamics as an Index of the Effectiveness of Curing the Hypertonic Disease with Hydroaero Ionization." Tashkent Med Inst imeni V. M. Molotov, Tashkent, 1955

DEMARINA, M. I.--"Characteristic of the Changes in the Vibrational Sensitivity in Clinical Treatment of Diseases of the Central and Peripheral Nervous Systems." Khar'kov Med Inst, Khar'kov, 1955

DEREVLEVA, N. A.--"Ear: ear sarcosmia in Children Recovering from Anesthesia." Second Moscow State Med Inst imeni I. P. Pavlov, Moscow, 1955

DZHORGZHIKIYA, V. D.--"Electrocardiographic and Hemodynamic Changes in Climato-balneotherapeutic Treatment of Cardiovascular Diseases at the Mountain Curing Place Avadkhar (Abkhaziya)." Acad Sci USSR, Inst of Physiology imeni I. P. Pavlov, Leningrad, 1955

DOBROKHOV, S. N.--"Electrocardiographic Investigations in Static Work." Sverdlovsk State Med Inst, Sverdlovsk, 1955

ZADROSHNYY, R. A.--"Experimental and Clinical Observations in the Treatment of Pyodermia with "Sanazine"." Khar'kov State Med Inst, Khar'kov, 1955

ZAK, K. P.--"On the Toxic Properties of Synesterol." Inst of Physiology imeni A. A. Bogomolets of the Acad Sci Ukraine SSR, Laboratory of Endocrine Functions, Kiev Order of Labor Red Banner Med Inst imeni Academician A. A. Bogomolets, Kiev, 1955

ZBURZHINSKIY, V. K.--"Participation of the Reflex Mechanisms in the Toxic Action of Hydrogen Sulfide and Sodium Sulfide." Min of Public Health RSFSR, Leningrad Sanitary-Hygienic Med Inst, Leningrad, 1955

IOSAVA, A. M.--"Materials on the History of Internal Medicine in Soviet Georgia in 1921-1950." Tbilisi State Medical Inst, Tbilisi, Grudmedgiz, 1955

KAZHEV, V. A.--"Origin and Medico-legal Significance of Parchment Spots on the Skin of a Corpse." Min of Public Health RSFSR, Leningrad Sanitary-Hygienic Med Inst, Leningrad, 1955

KVITNITSKIY, M. Ye.--"Materials on the Functional Diagnosis of the Heart using the Electrocardiography (Clinical-experimental Investigation)." Kiev Order of Labor Red Banner Med Inst imeni Academician A. A. Bogomolets, Kiev, 1955

KINDURIS, Yu. K.--"Application of Novocaine Blockade of Nerves on the Periphery in the Treatment of Joint and Muscle Diseases of Varying Etiology." Minsk State Med Inst, Minsk, 1955

KOZLOVSKIY, P. A.--"On Stomach and Duodenal Ulcers in Children and Adolescents." Minsk State Med Inst, Minsk, 1954

KOLESNIKOVA, V. P.--"Change in the Excretory Function of the Stomach under the Influence of Pilocarpine, Adrenaline, and Atropine (Clinical Investigation)." Minsk State Med Inst, Minsk, 1955

KOLESOVA, A. A.--"Significance of Certain Neurodynamic Shifts in Various Modifications of Insulin Therapy of Schizophrenics." Acad Med Sci USSR.

KON, I. I.--"Use of Streptomycin in All-cut Cure of Tubercular Coccidioidosis." Ryazan' Med Inst imeni Academician I. P. Pavlov, Ryazan', 1955

KOROVIKOV, A. T.--"Formation of the Neck Division of the Boundary Sympathetic Trunk and of the Nervous Plexus of the Vertebral Artery in the Embryogenesis of Humans." Minsk State Med Inst, Minsk, 1955

KOSOVA, Ye. P.--"Third Fraction of Coagulation of Blood in Clinical Treatment of Tuberculosis (Micromethod)." Minsk State Med Inst, Minsk, 1955

KRAVETS, S. S.--"Investigation of the So-called Skin Burn in Close Range Shooting From Tokarev Automatic Pistol." Min of Higher Education USSR, Odessa State Med Inst imeni N. I. Pirogov, Odessa, 1955

KREMNEVA, Z. Ya.--"Hemorrhage Syndrome in Brucellosis." Khar'kov Med Inst, Stalino, 1955

KRIVORUCHKO, I. F.--"Materials on the Problem of Pathology of the Nervous System in Malignant New Growths." Kiev Order of Labor Red Banner Med Inst imeni Academician A. A. Bogomolets, Kiev, 1955

KUDRYAVTSEVA, N. N.--"Inhibition Process with Very Strong Inhibitory Irritants." Inst of Experimental Medicine of Acad Med Sci USSR, Leningrad, 1955

KUDRYASHOVA, N. I.--"Significance of Spatial Distribution of Conditional Irritants in Complicated Conditioned Reflex Motor Activity of Animals." First Leningrad Med Inst imeni Academician I. P. Pavlov, Chair of Normal Physiology, Leningrad, 1955

KUL'TEPINA, O. S.--"Secretory Activity of Stomach in Pre-school Children as a Function of the Typological Trend of their Upper Nervous Activity and the Different Functional State of their Brain Cortex." Inst of Upper Nervous Activity of Acad Sci USSR, Moscow, 1955

KUROSH, V. G.--"Tissue Therapy in Conjunction with Vitamins B<sub>1</sub> and C in Inflammatory Gynecological Diseases." Acad Sci Latvian SSR, Inst of Experimental Medicine, Riga, 1955

KUTEPOV, V. N.--"Sanitary-Hygienic Conditions of Labor and Incidence of Sickness Among Workers in the Iron-ore Mines of the Krivoyrog Basin." Khar'kov Med Inst, Khar'kov, 1955

LUKINVKH, A. K.--"Solitary Bronchial Cysts of the Lungs." Second Moscow Med Inst imeni I. V. Stalin, Moscow, 1955

LUR'YE, L. M.--"Experimental Observation Over Immunobiological Shifts and Immunological Effectiveness of Vaccination Against Bacterial Dysentery." Azerbaijan State Medical Inst, Baku, 1955

MALAKHOVA, A. V.--"Radical Operation in Case of Festered Lung Diseases." Kiev Order of Labor Red Banner Med Inst imeni Academician A. A. Bogomolets, Kiev, 1955

MAMEDKAROV, I. Kh.--"On the Cutaneous-visceral Sympathetic Reflex in Appendicitis." Azerbaijan State Med Inst, Baku, 1955

MARMOLEVSKAYA, G. S.--"Certain Problems of Sickness Rate and Duration of Membranous Pneumonia." Sverdlovsk State Med Inst, Sverdlovsk, 1955

MARTINEVSKIY, I. L.--"Vaccination and Revaccination Against Tularemia (from Materials of the Loyer Rayon Sanitary Epidemiological Station)." Minsk State Med Inst, Minsk 1955

MATROSOVA, Ye. M.--"Analysis of Secretory and Motor Activity of Large and Small Bend of the Stomach in the Extirpation of Various Sections of the Brain Cortex in a Dog." Acad Sci USSR, Inst of Physiology imeni I. P. Pavlov, Leningrad, 1955

MELIK-ASLANOVA, F. S.--Materials on the Morphophysiological Reaction of Skeletal Muscles in Malignant New Growths." Azerbaijan State Med Inst, Baku, 1955

MOLDAVSKAYA, B. I.--Overheating the Organism as an Added Factor in the Specific Cure of Early Forms of Syphilis." Molotov State Med Inst, Molotov, 1955

NAZARENKO, A. N.--Gastricopy as a Method of Diagnosis of Stomach Cancer and Ulcers." L'vov State Med Inst, L'vov, 1955

NEYMAN, I. Z.--Clinical Materials on the Problem of Operative Therapy of Scoliosis and Experimental Data on the Effect of Bone Plastic Fixation of the Spine on its Growth." Min of Public Health RSFSR, Saratov State Med Inst, Saratov, 1955

NIKOLAYEV, A. N.--"On the Problem of Nearsightedness Among Students." Min of Public Health RSFSR, Leningrad Sanitary-Hygienic Med Inst, Leningrad, 1955

OVANESYAN, O. N.--"On the Problem of Measuring the Motor Action of the Aesophagus in Some of its Pathological States." Yerevan State Medical Inst, Chair of ICR Diseases, Yerevan, 1955

PERKOV, A. K.--"Operative Therapy of False Joints and Bone Defects Using a Two-Stage Gypsum Bandage." Rostov State Med Inst, Rostov-on-Don, 1955

PANFILOVA, N. S.--"Cure of Tuberculosis of the Lung with Thoraxir'astic Treatment Jointly with Streptomycin, Penicillin, and Phthivazite (from Materials of the Tuberculosis Clinic of the Kiev Medical Inst Taken Over 6 Years)." Kiev Order of Labor Red Banner Med Inst imeni Academician A. A. Bogomolets, Kiev, 1955

PKALEV, G. M.--"On the Mutual Relationship Between the Skin and the Internal Organs." Gor'kiy State Med Inst imeni S. M. Kirov, Gor'kiy, 1955

POTEKHIN, D. Ya.--"On the Clinical Significance of the Change in the Stability of the Albumen Complex of Blood Serum in Pathological States of the Organism." Kazan' State Med Inst, Kazan', 1955

PREOBRAZHENSKAYA, N. N.--"History of the School-sanitation Supervision over the Primary Schools in Russia During the Period of Development of Capitalism (1861-1917)." Min of Public Health RSFSR, Leningrad Sanitary-Hygienic Med Inst, Leningrad, 1955

RABINOVICH, S. I.--"Immediate and Delayed Results of Splenectomy in the Berlhoff Disease." Min of Public Health RSFSR, Leningrad Sanitary-Hygienic Med Inst, Leningrad, 1955

RAKEYEVA, M. T.--"Thin Vascularization of the Centers of the Sympathetic Trunk in Animals and Humans." From the Chair of Human Anatomy of the Kazan' State Med Inst, Kazan', 1955

REUSOVA, Ye. P.--"Amputation Method of Curing Pulpitis with Application of Penicillin." Khar'kov Med Inst, Khar'kov, 1955

RYZHKOVA, Ye. N.--"Materials on the Culture and Luminescence Diagnosis of Microsporosis, Trichophytosis, and Mange." Second Moscow State Med Inst imeni I. V. Stalin, Moscow, 1955

SAMUNDZHIAN, Ye. M.--"Changes in the Conditioned-Reflex Activity in Experimental Cancer and the Effect of Functional Weakening of the Brain Cortex on its Development." Acad Sci USSR, Inst of Physiology imeni I. P. Pavlov, Leningrad, 1955

SKURSKAYA, N. N.--"Features of the Course of Tooth Caries in Young Children." Kiev Order of Labor Red Banner Med Inst. imeni Academician A. A. Bogomolets, Kiev, 1955

SKUYA, N. A.--"Functional and Morphological Changes of the Stomach in Case of Duodenal Ulcers." Acad Sci Latvian SSR, Inst of Experimental Medicine, Riga, 1955

SOSNOVSKY, A. T.--"On the Problem of the Effect of the Central Nervous System on the Course of Experimental Syphilis in Rabbits (Experimental Investigation)." Minsk State Med Inst, Minsk, 1955

STASEVICH, G. P.--"On the Problem of the Arterial Blood Supply to the Appendages of the Uterus (tubes and ovaries)." Min of Public Health, Ukraine SSR, Dnepropetrovsk State Med Inst, Dnepropetrovsk, 1955

STOMA, M. F.--"Effect of a Tendon-muscular Tension of Varying Degree on the State of the Motor Apparatus." Min of Public Health RSFSR, Leningrad Sanitary-Mygienic Med Inst, Leningrad, 1955

SUKHETSKAYA, M. P.--"Reticulate Matter in the Human Spinal Cord." Kiev Order of Labor Red Banner Med Inst imeni Academician A. A. Bogomolets, Kiev, 1955

SYARGAVA, V. A.--"Audiometric Observation in Hearing Disturbances, Particularly with Deaf and Hard of Hearing." Min of Higher Education SSSR, Tartu State U, Tartu, 1955

TATARINOVA, S. D.--"Use of Streptomycin with "Ecmoline" in Chronic Dysentery of Children and the Effect of These Antibiotics on the Microbes of the Intestinal Group." Min of Public Health USSR, Central Inst for Further Training of Physicians, Moscow, 1955

TOBOL'SKAYA, L. I.--"On Specific Sulphur Prophylaxis and Sulphur Therapy of Whooping Cough." Omsk Sci Res Inst of Epidemiology, Microbiology, and Hygiene, Omsk, 1955

TOSKIN, K. D.--"On the Problem of Acute Pancreatitis." Yaroslavl' State Med Inst, Chair of General Surgery, Yaroslavl', 1955

UTKINA, T. M.--"Filtered Ultraviolet Rays in the Diagnosis of Certain Artificial Phlegmas, Abscesses, and Osteogranulomas." Gor'kiy State Med Inst imeni S. M. Kirov, Gor'kiy, 1955

FEDOROVA, M. S.--"Biellium Therapy of Early State of Inflammatory Processes of the Fingers of the Hand and of Fists." Ryazan' Med Inst imeni I. P. Pavlov, bavarium laboratory, Ryazan, 1955

KHARCHENKO, I. S.--"Septicemia among the Guruls during the Foreign Administration and the Struggle Against it under the Soviet Government." L'vov State Med Inst, L'vov, 1955

KHIZHNYAKOVA, L. N.--"Bronchial Asthma of Occupational and Non-occupational Origin and Its Cure by Means of a "Universal Desensitizer"." Khar'kov Med Inst, Khar'kov, 1955

KHLYNNIN Yu. V.--"On Changes in the Perspiration Function in the Process of Adaptation of the Organism to Water Immersion." Ryazan' Med Inst imeni Academician I. P. Pavlov, Ryazan', 1955

TSYBYRNE, K. A.--"On the Problem of Diagnosis and Cure of Echinococcus of the Lungs." Kishinev State Med Inst, Chair of Faculty of Surgery, Kishinev, 1955

CHEPKAYA, L. M.--"Tumors of the Brain, Taking their Clinical Course as Types of Vascular Diseases." Dnepropetrovsk State Med Inst, Kiev, 1955

SHAKARISHVILI, R. I.--"Materials on the Study of Bullet Wounds to the Sciatic Nerve and its Branches (Clinical and Surgical Treatment)." Tbilisi State Med Inst, Tbilisi, Gruzmedgiz, 1955

SHEYNBURG, V. M.--"Pathology of Cutting the Lower Wisdom Tooth." Min of Public HEALTH RSFSR, Moscow Med Stomatological Inst, Moscow, 1955

SHILEYKO, V. A.--"Effect of Length of Birth and Postnatal Period on the Earlier Periods of Lactation." Khar'kov Med Inst, Khar'kov, 1955

EZERIETIS, E. T. --"Clinical Picture and Surgical Treatment of Simple and Thyreotoxic Goitre." Inst of Experimental Medicine of Acad Sci Latvian SSR, Riga, 1955

YAROSLAVSKAYA, D. I.--"Certain Features of Morphology and Topography of Sigmoidal Sinus During Various Periods of Development of Organism, and Their Clinical Significance." Min of Public Health RSFSR, Sverdlovsk State Med Inst, Chelyabinsk, 1955

#### PHARMACEUTICAL SCIENCES

For Degree of Candidate of Sciences

KOROLEVA, M. G.--"History of the Drug Stores of Moscow (up to 1917). Min of Public Health USSR, Moscow Pharmaceutical Inst, Moscow, 1955

VALVISTE, Kh.--"On the Determination of Alkaloids in Ergot." Tartu State U., Tartu, 1955

#### PEDAGOGICAL SCIENCES

For the Degree of Candidate in Science

AKHUNDOV, B. A.--"Repetition of Study Material in Older (VIII-X) Classes of Middle Schools (Based on the Example of Teaching Azerbaijan Literature, USSR History, and Geography)." Azerbaijan State Pedagogical Inst imeni V. I. Lenin, Baku, 1955

BYCHKOV, B. P.--"Idea of Functional Dependence in the Algebra Courses of Russian Middle Schools." Acad Pedagogical Sciences RSFSR, Sci Res Inst of Methods of Teaching, Moscow, 1955

VEYKHMAN, Tz. I.--"Role of Writing in the Teaching of Reading French Words in the V Class." Acad Pedagogical Sci RSFSR, Sci Res Inst of Methods of Teaching, Moscow, 1955

GOLUBEYA, A. I.--"Psychological Features of Appearance of Persistence in School Children." Moscow State Pedagogical Inst imeni V. I. Lenin, Moscow, 1955

GRYUNBERG, G. Yu.--"Attempts to Establish Practical Studies and Field Experiments in the Course "General Physical Geography" in Teachers' Institutes," Min of Education RSFSR, Moscow Pedagogical Inst, Moscow, 1955

ZHOLUBMETOV, K. I.--"Measures to Eliminate Spelling Mistakes in the Native Language in the V-VI Classes of Kazakh Schools," Acad Pedagogical Sci RSFSR, Inst of Methods of Teaching, Moscow, 1955

ZINATULINA, Z. Sh.--"Laboratory Work in Physics in Middle Teaching Institutions of Russia in Historical Perspective." Min of Education RSFSR, Moscow Municipal Pedagogical Inst imeni V. P. Potemkin, Moscow, 1955 (55-24108).

IGNAT, A. M.--"Outlines of History of Development of People's Education in the Trans-Carpathian Oblasts During the Years of Soviet Government, (1944-54)." Min of Education Ukraine SSR, Kiev State Pedagogical Inst imeni A. M. Gor'kiy, Kiev, 1955

KORINENKO N. A.--"Perception and Reproduction of Visual and Verbal Material by Pre-school Children." Min of Education RSFSR, Moscow Oblast Pedagogical Inst, Moscow, 1955

KUNITSKAYA, Ye. S.--"Method of Conducting Practical Studies and Organization of Independent Work on Differential Calculus on the Part of Correspondence Students of Pedagogical Institutes." Moscow State Pedagogical Inst imeni V. I. Lenin, Moscow, 1955

KURILENKO, T. M.--"Problems of Raising Progress in the Work of the Class Director of the Eighth Class." Leningrad State Pedagogical Inst imeni A. I. Gertzen, Leningrad, 1955

NAUMOV, P. A.--"Psychological Analysis of the Process of Communicating the Teaching Material to those Studying (in the Study of Modern History)." Moscow Municipal Pedagogical Inst imeni V. P. Potemkin, Chair of Psychology, Moscow, 1955

ORLEANSKIY, B. D.--"Field Trips to Factories in the Electricity Course given in the Tenth Class of Middle Schools." Leningrad State Pedagogical Inst imeni A. I. Gertzen, Chair of Methods for Teaching Physics, Leningrad, 1955

PAK, N. T.--"Method of Teaching Handling of Russian Proposition: in Korean Seven-Year Schools." Acad Pedagogical Sci RSFSR, Sci Res Inst of Methods of Teaching, Moscow, 1955

PORTRNOV, V. P.--"Use of Artificial Burdens in Training for High Jump from Running Start." State Central Order of Lenin Inst of Physical Culture imeni I. V. Stalin, Moscow, 1955

PROGOZHAYA, M. I.--"Procedure for Teaching Pronouns in the V Class." Leningrad State Pedagogical Inst imeni A. I. Gertsen, Chair of Methods of Teaching Russian, Leningrad, 1955

ROZHANOV, A. V.--"The Structure of Involuntary Memorizing." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov, Moscow, 1955

SEMUSHIN, A. D.--"Construction and Application of Figures in the Course of Stereometry in Middle Schools." Acad Pedagogical Sci RSFSR, Sci Res Inst of Methods of Teaching, Moscow, 1955

SERGIEVICH, O. P.--"Formation of Spatial Images in Children During the Process of Initial Study (in Connection with Mastery of Elements of Geometry and Geography)." Leningrad Order of Lenin State U imeni A. A. Zhdanov, Leningrad, 1955

SINGAL, B. P.--"Method of Employing Belles Lettres in Lessons on the Constitution of the USSR." Acad Pedagogical Sci RSFSR, Sci Res Inst of Methods of Teaching, Moscow, 1955

SLEYSHKA, A. S.--"Teachings of I. M. Sechenov on the Conception of Space." Moscow Order of Lenin and Order of Labor Red Banner Stat U imeni M. V. Lomonosov, Philosophy Faculty, Moscow, 1955

SOKHIN, F. A.--"Initial Stages of a Child's Mastery of Structure of Language." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov, Moscow, 1955

SUSLOV, F. P.--"Features of Breathing During Medium-Distance Running." State Central Order of Lenin Inst of Physical Culture imeni I. V. Stalin, Moscow, 1955

TOLPYGINA, I. K.--"Excursion Method in Teaching Humanities in 8-10 Classes of Middle Schools." Leningrad State Pedagogical Inst imeni A. I. Gertsen, Leningrad, 1955

FEDOROVA, Ye N.--"Method of Forming the Concept of Solution in the Chemistry Course of Middle Schools." Leningrad State Pedagogical Inst imeni A. I. Gertsen, Chair of Methods of Teaching Chemistry, Leningrad, 1955

FILIPPOV, A. A.--"Teaching Discus Throwing." State Order of Lenin and Order of Red Banner Inst of Physical Culture imeni P. F. Lesgaft, Leningrad, 1955

FILIPPOV, A. M.--"Development of Soviet Schools in Ukraine SSR During the First Post-war Five-Year Plan (1946-1950)." Kiev State U imeni T. G. Shevchenko, Kiev, 1955

KHASMAMEDOV, T. K.--"On the Quality of Physics Textbooks in the Azerbaijan Language for Middle School and on the Systematization of Physics Terminology." Min of Education Azerbaijan SSR, Azerbaijan State Pedagogical Inst imeni V. I. Lenin, Baku, 1955

SHENETS, S. K.--"Overcoming Dialectisms in the Speech of Students of the V-VII Classes of the Cossak Villages of Terek During the Grammar Classes." Acad Pedagogical Sci RSFSR, Sci Res Inst of Methods of Teaching, Moscow, 1955

STAT

SHUKOV, F. A.--"Creativity of A. A. Fadeyev and Its Study in Middle Schools (X class)." Kiev State U imeni T. G. Shevchenko, Kiev 1954

ARCHITECTURAL SCIENCES

For Degree of Candidate in Sciences

GINTSBERG, A. S.--"Standard Design of Residential Buildings Using Industrial Construction Method, Methodology of Standard Design." Min of Higher Education USSR, Leningrad Order of Labor Red Banner Engineering-Construction Inst, Leningrad, 1955

ZAKHAROV, A. I.--"Stone in the Architecture of the Peoples' Residences in Moldavia." Moscow Architectural Inst, Moscow, 1955

POZDNYAKOV, P. P.--"The Enclosed Stadium." Leningrad Order of Labor Red Banner Engineering-Construction Inst, Leningrad, 1955

\* \* \*